LX10™

Snapshot

OK on Dimmer	⊘
Outdoor OK	⊘
Sound-Activated	✓
DMX512	⊘
Master/Slave	⊘
115V/230V Switch	✓
Replaceable Fuse	✓
User-Serviceable	⊘

USER MANUAL



Chauvet, 5200 NW 108th Avenue, Sunrise, FL 33351 U.S.A.
(800) 762-1084 – (954) 577-4455
FAX (954) 929-5560
www.chauvetlighting.com

TABLE OF CONTENTS

1. BEFORE YOU BEGIN

What is Included

- Ø 1 x LX10™
- Ø Power Cord
- Ø Warranty Card
- Ø Quick Reference Guide

Unpacking Instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

AC Power

To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixture's specifications chart. A fixture's listed current rating is its average current draw under normal conditions. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch. Before applying power to a fixture, check that the source voltage matches the fixture's requirement. Check the fixture or device carefully to make sure that if a voltage selection switch exists that it is set to the correct line voltage you will use.

Figure 1 - AC Voltage Switch



Not all fixtures have a voltage select switch. Please be sure to connect to the proper voltage.

Warning! ***Verify that the voltage select switch on your unit matches the line voltage applied. Damage to your fixture may result if the line voltage applied does not match the voltage indicated on the voltage selector switch. All fixtures must be connected to circuits with a suitable Earth Ground.***

Contact Us

World Wide

General Information

Chauvet Lighting
5200 NW 108th Avenue
Sunrise, FL 33351
voice: 954.577.4455
fax: 954.929.5560
toll free: 800.762.1084

Technical Support

Chauvet Lighting
5200 NW 108th Avenue
Sunrise, FL 33351
voice: 954.577.4455 **(Press 4)**
fax: 954.929.5560 **(Attention: Service)**

World Wide Web www.chauvetlighting.com

Safety Instructions

Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only!
- To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20in (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- Maximum ambient temperature (Ta) is 104°F (40°C). Do not operate fixture at temperatures higher than this.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Never connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.
- Do not daisy chain power to more than 50 units.

Caution! ***There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact CHAUVET at: 954-577-4455.***

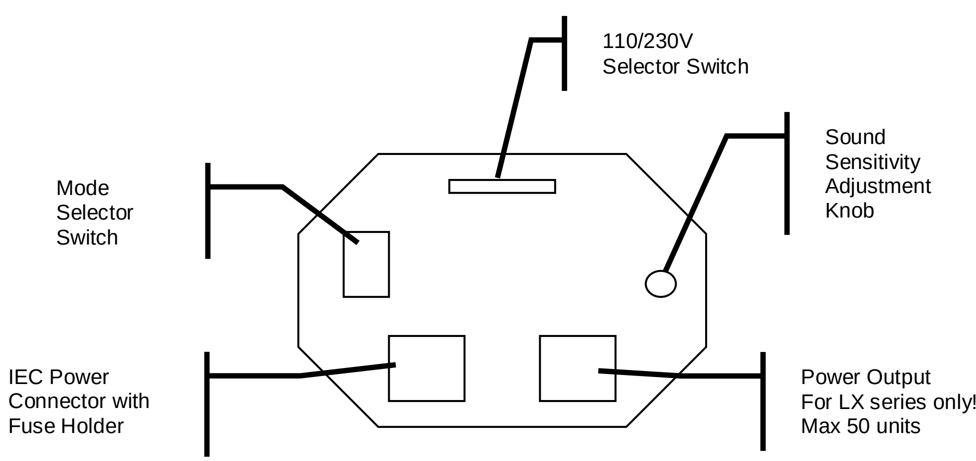
2. INTRODUCTION

Features

- LED moonflower effect
- Mirror scans 180°
- Selectable functions: sound, rotating, static
- Additional power output for daisy chaining units (max 50 units)
- Sound sensitivity knob
- Ultra bright LEDs
- Low power consumption

Product Overview



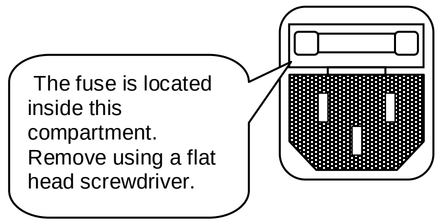


3. SETUP

Disconnect the power cord before replacing a fuse and always replace with the same type fuse.

Fuse Replacement

With a flat head screwdriver wedge the fuse holder out of its housing. Remove the damaged fuse from its holder and replace with exact same type fuse. Insert the fuse holder back in its place and reconnect power.



Mounting

ORIENTATION

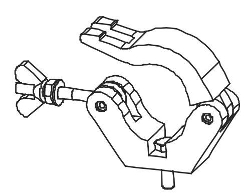
This fixture may be mounted in any position provided there is adequate room for ventilation.

RIGGING

It is important never to obstruct the fan or vents pathway. Mount the fixture using, a suitable “C” or “O” type clamp. Adjust the angle of the fixture by loosening both knobs and tilting the fixture. After finding the desired position, retighten both knobs.

- When selecting installation location, take into consideration lamp replacement access and routine maintenance.
- Safety cables must always be used.
- Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation.

Hanging Clamp



Note!
Clamp is sold separately.

4. OPERATING INSTRUCTIONS

The LX10 can operate in Sound-Active, Auto, or static mode. The mode is determined by the position of the switch located on the rear of the unit. To switch between the three modes, place the switch in either the "I" or "II" position for movement or "O" for static operation.

In the "II" position, the fixture operates in Sound-Active mode, the sensitivity of which can be adjusted by the knob also located on the rear of the unit. To increase the sensitivity of the unit rotate the knob clockwise.

In the "I" position the fixture operates in Auto mode. The light will progress through a pre-programmed routine, whether sound is present or not.

In the "O" position the fixture operates in static mode. The fixture will continue to light without scanner movement.

Switch	LEDs	Motor
I	Auto	Auto
O	Auto	Stop
II	Sound	Sound

Troubleshooting

1) Verify that the unit is plugged into both the wall and the unit, and verify that the fuse is in working order.
2) If the unit fails to respond, place the unit in auto mode, listening for movement of the motor inside the case. If no sound is heard from inside the case, replace fuse and retry.
3) If the unit is still not working, verify the integrity of the outlet with another fixture.

If you still have a problem after trying the above solutions, please contact CHAUVET Technical Support at the location on the next page.

General Troubleshooting

Symptom	Solution(s)	Applies to: Lights	Foggers & Snow	Controllers	Dimmers & Chaser
Auto shut off	Check fan thermal switch reset	ü			
Beam is very dim or not bright	Clean optical system or replace lamp Check 220/110v switch for proper setting	ü			
Breaker/Fuse keeps blowing	Check total load placed on device				ü
Chase is too slow	Check users manual for speed adjustment	ü		ü	ü
Device has no power	Check for power on Mains. Check device's fuse. (internal and/or external)	ü		ü	ü
Fixture is on but there is no movement to the audio	Make sure you have the correct audio mode on the control switches. If audio provided via ¼" jack, make sure a live audio signal exists Adjust sound sensitivity knob	ü		ü	ü
Lamps cuts off sporadically	Possible bad lamp or fixture is overheating. Lamp may be at end of its life.	ü			
Light will not come on after power failure	Some discharge lamps require a cooling off period before the electronics in the fixture can kick start it again, wait 5 to 10 minutes before powering up	ü			
Moves slow	Check 220/110v switch for proper setting	ü			
No flash	Re-install bulb, may have shifted in shipping	ü			
No light output	Check slip ring & brushes for contact Install bulb Call service technician	ü			
Relay will not work	Check reset switch Check cable connections				ü
Remote does not work	Make sure connector is firmly connected to device	ü	ü		
Stand alone mode	All Chauvet lighting fixtures featuring stand-alone functions do not require additional settings, simply power the fixture and it will automatically enter into this mode	ü			

*Note not all values apply to all fixtures

If you still have a problem after trying the above solutions, please contact CHAUVET Technical Support at the location below.

Technical Support

Address: Service Dept.
5200 NW 108th Avenue, Sunrise, FL 33351 (U.S.A.)
Support (Email): tech@chauvetlighting.com
Telephone: (954) 577-4455 - (Press 4)
Fax: (954) 929-5560 - (Attention: Service)
Website: www.chauvetlighting.com

General Maintenance

To maintain optimum performance and minimize wear fixtures should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when the fixture is cold with a mild solution of glass cleaner or Isopropyl Alcohol and a soft lint free cotton cloth or lens tissue. Apply solution to the cloth or tissue and drag dirt and grime to the outside of the lens. Gently polish optical surfaces until they are free of haze and lint.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics. Clean with soft cloth using normal glass cleaning fluid. - Always dry the parts carefully. - Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Returns Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Merchandise Authorization Number (RMA #). Products returned without an RMA # will be refused. Call CHAUVET and request RMA # prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. CHAUVET reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA #, please include the following information on a piece of paper inside the box:

1) Your name
2) Your address
3) Your phone number
4) RMA #
5) A brief description of the symptoms

Claims

Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise. It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Any other claim for items such as missing component/part, damage not related to shipping, and concealed damage, must be made within seven (7) days of receiving merchandise.

Technical Specifications

WEIGHT & DIMENSIONS

Length	15.1 in (385 mm)
Width	5.1 in (130 mm)
Height	7.7 in (197 mm)
Weight	5 lbs (2.3 kg)

POWER

Switch-selectable power settings	120 V 60 Hz AC or 230V 50 Hz
Fuse	1A 250 V
Power Consumption	8 W (0.1 A) at 120 V
Power Consumption	8 W (0.1 A) at 230 V
Inrush Power	19 W (0.34 A) at 120 V
Power Factor	0.70 at 120 V
Power Output	50 units max at 120 V, 80 units at 230 V

LIGHT SOURCE

LED	57 (17 Red, 24 Green, 16 Blue) 100,000 hrs

PHOTO OPTIC

Coverage Angle	59°

THERMAL

Maximum ambient temperature	104°F (40°C)

ORDERING INFORMATION

LX10	LX10

WARRANTY INFORMATION

Warranty	1-year limited warranty

RoHS